

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20060086322"	US-PGPUB; USPAT	OR	ON	2007/12/19 14:56
S2	2	("6060836"   "6114811"). PN.	US-PGPUB; USPAT	OR	ON	2007/12/19 16:29
S3	2	("518948" "4473736" "5844217").pn.	US-PGPUB; USPAT	OR	ON	2007/12/19 16:30
S4	3	("5180948" "4473736" "5844217").pn.	US-PGPUB; USPAT	OR	ON	2007/12/19 16:33
S5	615	(118/723MW 156/345.41). ccls.	US-PGPUB; USPAT	OR	ON	2007/12/19 16:34
S6	439	S5 and @ad<"20020602"	US-PGPUB; USPAT	OR	ON	2007/12/19 16:34
S7	6	S6 and (coaxial and (sheet \$2 near7 plasma))	US-PGPUB; USPAT	OR	ON	2007/12/19 19:00
S8	31	(Thierry near2 Lagarde).in. (Ana near2 Lacoste).in. (Jacques near2 Pelletier). in. (Yves near2 Arnal).in.	US-PGPUB; USPAT	OR	ON	2007/12/21 13:46
S9	6	S8 and (coaxial and (plasma discharge ioniz \$5))	US-PGPUB; USPAT	OR	ON	2007/12/19 16:40
S10	615	(118/723MW 156/345.41). ccls.	US-PGPUB; USPAT	OR	ON	2007/12/19 19:01
S11	439	S10 and @ad<"20020602"	US-PGPUB; USPAT	OR	ON	2007/12/19 19:56
S12	17	S11 and (coaxial same ((chamber housing reactor) near5 (wall\$2 body)))	US-PGPUB; USPAT	OR	ON	2007/12/20 15:37
S13	12	("4473736"   "5111111"   "5180948"   "5536914"   "5726413"   "6198224"). PN. OR ("6407359").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/19 19:31
S14	8	("5287914"   "5439715"   "5597623"   "5720818"). PN. OR ("6165274").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/19 19:37
S15	165815	"8" and coaxial and @ad<"20020602"	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/19 19:38
S16	1	S14 and coaxial and @ad<"20020602"	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/19 19:38
S17	30	(microwave\$2 and (plasma discharge ioniz\$5)) and (coaxial same ((chamber housing reactor) near5 (wall\$2 body)))	EPO; JPO; DERWENT	OR	ON	2007/12/20 12:00

S18	450558	("204"/\$ "216"/\$ "219"/\$ "315"/\$ "427"/\$ "438"/\$)	US-PGPUB; USPAT	OR	ON	2007/12/19 19:55
S19	315365	S18 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/19 19:56
S20	81	S19 and (microwave\$2 and waveguide and (plasma discharge ioniz \$5)) and (coaxial same ((chamber housing reactor) near5 (wall\$2 body)))	US-PGPUB; USPAT	OR	ON	2007/12/19 19:57
S21	71	S20 not S12	US-PGPUB; USPAT	OR	ON	2007/12/19 21:24
S22	8879	dielectric\$2 with (alumina or BN or boron adj nitride)	US-PGPUB; USPAT	OR	ON	2007/12/19 21:25
S23	8879	dielectric\$2 with (alumina or BN or (boron adj nitride))	US-PGPUB; USPAT	OR	ON	2007/12/19 21:25
S24	478	S23 and 118/715-733.ccls.	US-PGPUB; USPAT	OR	ON	2007/12/19 21:26
S25	10347	(118/715-733.ccls. 156/345.\$2.ccls.) and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/20 16:36
S26	47	S25 and ((microwave\$2 same (plasma discharge ioniz\$5)) and (coaxial same ((chamber housing reactor) near5 (wall\$2 body))))	US-PGPUB; USPAT	OR	ON	2007/12/20 16:52
S27	2753	ceramic\$2 with refractor\$4 with (alumina or BN or (boron adj nitride))	US-PGPUB; USPAT	OR	ON	2007/12/20 12:59
S28	15	S27 and S25	US-PGPUB; USPAT	OR	ON	2007/12/20 13:43
S29	100886	silica with alumina	US-PGPUB; USPAT	OR	ON	2007/12/20 13:50
S30	818	silica with alumina with dielectric	US-PGPUB; USPAT	OR	ON	2007/12/20 13:46
S31	17	S30 and S25	US-PGPUB; USPAT	OR	ON	2007/12/20 13:50
S32	9	((low adj loss) with dielectric\$2) with silica with (alumina or BN or (boron adj nitride))	US-PGPUB; USPAT	OR	ON	2007/12/20 13:52
S33	9	((low adj loss) with dielectric\$2) with silica with (alumina or BN or (boron adj nitride))	US-PGPUB; USPAT	OR	ON	2007/12/20 14:06

S34	13	((low adj loss) with dielectric\$2) with silica with (alloy mixture combination)	US-PGPUB; USPAT	OR	ON	2007/12/20 14:18
S35	13	S34 not S33	US-PGPUB; USPAT	OR	ON	2007/12/20 14:06
S36	75	((low adj loss) with dielectric\$2) with silica	US-PGPUB; USPAT	OR	ON	2007/12/20 14:09
S37	43	S36 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/20 14:09
S38	31284	(silica with (alloy mixture combination)) with ((alumina or (aluminum adj oxide)) or (BN or (boron adj nitride)))	US-PGPUB; USPAT	OR	ON	2007/12/20 14:21
S39	28	S38 and S25	US-PGPUB; USPAT	OR	ON	2007/12/20 14:21
S40	5	("4971653").PN. OR ("6156667").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/20 14:37
S41	616	(118/723MW 156/345.41). ccls.	US-PGPUB; USPAT	OR	ON	2007/12/20 15:39
S42	439	S41 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/20 17:11
S43	5	S42 and ((coaxial near7 (waveguide\$2 applicator)) same dielectric same ((length height interval gap) same wavelength))	US-PGPUB; USPAT	OR	ON	2007/12/20 15:41
S44	7	S25 and ((coaxial near7 (waveguide\$2 applicator)) same dielectric same ((length height interval gap) same wavelength))	US-PGPUB; USPAT	OR	ON	2007/12/20 15:41
S45	1	"20060086322"	US-PGPUB; USPAT	OR	ON	2007/12/20 16:36
S46	0	S25 and ((microwave\$2 same (plasma discharge ioniz\$5)) and (coaxial same ((O-ring\$2) or seal\$3) same embed\$3))	US-PGPUB; USPAT	OR	ON	2007/12/20 17:33
S47	2	((microwave\$2 same (plasma discharge ioniz\$5)) and (coaxial same ((O-ring\$2) or seal\$3) same embed\$3))	US-PGPUB; USPAT	OR	ON	2007/12/20 16:54
S48	39	(plasma discharge ioniz\$5) and (coaxial same ((O-ring\$2) or seal\$3) same embed\$3)	US-PGPUB; USPAT	OR	ON	2007/12/20 16:57
S49	28	S48 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/20 16:59

S50	10	(plasma discharge ioniz\$5) and (coaxial with ((O-ring \$2) or seal\$3) with embed \$3)	US-PGPUB; USPAT	OR	ON	2007/12/20 16:58
S51	2240	(plasma discharge ioniz\$5) and (((O-ring\$2) or seal \$3) with embed\$3)	US-PGPUB; USPAT	OR	ON	2007/12/20 16:58
S52	142	S51 and @ad< "20020602" and coaxial	US-PGPUB; USPAT	OR	ON	2007/12/20 17:10
S53	25	S25 and (embed\$3 near7 (seal\$3 or O-ring or O adj ring))	US-PGPUB; USPAT	OR	ON	2007/12/20 17:20
S54	25	S53 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/20 17:29
S55	25	S25 and (embed\$3 near7 (seal\$3 or O-ring or (O adj ring) or hermetic\$4))	US-PGPUB; USPAT	OR	ON	2007/12/20 17:21
S56	0	S55 not S54	US-PGPUB; USPAT	OR	ON	2007/12/20 17:20
S57	450813	("204"/\$ "216"/\$ "219"/\$ "315"/\$ "427"/\$ "438"/\$)	US-PGPUB; USPAT	OR	ON	2007/12/20 17:21
S58	315365	S57 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/20 17:21
S59	490	S58 and (embed\$3 near7 (seal\$3 or O-ring or (O adj ring) or hermetic\$4))	US-PGPUB; USPAT	OR	ON	2007/12/20 17:22
S60	2	S58 and (coaxial same (embed\$3 near7 (seal\$3 or O-ring or (O adj ring) or hermetic\$4)))	US-PGPUB; USPAT	OR	ON	2007/12/20 17:29
S61	0	S58 and ((coaxial same (plasma discharge)) same (embed\$3 near7 (seal\$3 or O-ring or (O adj ring) or hermetic\$4)))	US-PGPUB; USPAT	OR	ON	2007/12/20 17:24
S62	31	S58 and ((plasma discharge) same (embed \$3 near7 (seal\$3 or O-ring or (O adj ring) or hermetic \$4)))	US-PGPUB; USPAT	OR	ON	2007/12/20 17:24
S63	29	S62 not S54	US-PGPUB; USPAT	OR	ON	2007/12/20 17:25
S64	52	(coaxial same (embed\$3 near7 (seal\$3 or O-ring or (O adj ring) or hermetic \$4)))	US-PGPUB; USPAT	OR	ON	2007/12/20 17:29
S65	35	S64 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/20 17:35

S66	67	S25 and ((plasma discharge ioniz\$5) and (((O-ring\$2) or seal\$3 or hermetic\$4) same embed \$3))	US-PGPUB; USPAT	OR	ON	2007/12/20 17:36
S67	67	S66 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/20 17:36
S68	16	S25 and ((plasma discharge ioniz\$5) and (((O-ring\$2) or seal\$3 or hermetic\$4) near7 embed \$3))	US-PGPUB; USPAT	OR	ON	2007/12/20 17:48
S69	16	S68 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/20 18:13
S70	3	S25 and ((plasma discharge ioniz\$5) and (((O-ring\$2) or seal\$3 or hermetic\$4) near7 (embed \$3 near5 wall\$2)))	US-PGPUB; USPAT	OR	ON	2007/12/20 17:50
S71	3	S25 and ((plasma discharge ioniz\$5) and (((O-ring\$2) or seal\$3 or hermetic\$4) with (embed \$3 near5 wall\$2)))	US-PGPUB; USPAT	OR	ON	2007/12/20 17:50
S72	10	S58 and ((plasma discharge ioniz\$5) and (((O-ring\$2) or seal\$3 or hermetic\$4) with (embed \$3 near5 wall\$2)))	US-PGPUB; USPAT	OR	ON	2007/12/20 17:57
S73	2991	(low near3 pressure\$2 (plasma discharge\$2)) same ((ignit\$4 start\$3 initiat\$4) with magnet\$3)	US-PGPUB; USPAT	OR	ON	2007/12/20 17:58
S74	13	(low near3 pressure\$2 (plasma discharge\$2)) same ((ignit\$4 start\$3 initiat\$4) with (magnet\$3 with coaxial))	US-PGPUB; USPAT	OR	ON	2007/12/20 18:12
S75	107	S25 and (magnet\$3 with coaxial)	US-PGPUB; USPAT	OR	ON	2007/12/20 18:13
S76	107	S75 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/20 19:37
S77	9	S25 and ((cool\$3 with wall \$2 with (chamber reactor housing)) same coaxial)	US-PGPUB; USPAT	OR	ON	2007/12/20 19:45
S78	85	S25 and ((cool\$3 with wall \$2 with (chamber reactor housing)) and coaxial)	US-PGPUB; USPAT	OR	ON	2007/12/20 19:36
S79	85	S78 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/20 19:45

S80	312	((cool\$3 with wall\$2 with (chamber reactor housing)) same coaxial)	US-PGPUB; USPAT	OR	ON	2007/12/20 19:45
S81	272	S80 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/20 19:45
S82	0	S81 and (118/715-733 156/335.\$2).ccls.	US-PGPUB; USPAT	OR	ON	2007/12/20 19:46
S83	22	S81 and ("204"/\$ "216"/\$ "219"/\$ "315"/\$ "427"/\$ "438"/\$).ccls.	US-PGPUB; USPAT	OR	ON	2007/12/20 19:47
S84	17848	diamond same coat\$3	US-PGPUB; USPAT	OR	ON	2007/12/21 09:31
S85	117	(diamond same coat\$3) and (microwave\$2 same (plasma discharge)) and coaxial	US-PGPUB; USPAT	OR	ON	2007/12/21 09:38
S86	96	S85 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/21 09:38
S87	21	(diamond same coat\$3) and (microwave\$2 same (plasma discharge)) and (coaxial same wall\$2)	US-PGPUB; USPAT	OR	ON	2007/12/21 09:38
S88	16	S87 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/21 10:04
S89	170	(coaxial near4 (waveguide \$2 applicator\$2 excit\$5)) same (cool\$3 or (temperature near4 contol \$3))	US-PGPUB; USPAT	OR	ON	2007/12/21 10:26
S90	123	S89 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/21 10:27
S91	41	(coaxial near4 (waveguide \$2 applicator\$2 excit\$5)) and ((cool\$3 or (temperature near4 contol \$3)) with ((chamber housing reactor) near4 wall \$2))	US-PGPUB; USPAT	OR	ON	2007/12/21 10:39
S92	24	S91 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/21 10:39
S93	61	(coaxial with (waveguide \$2 applicator\$2 excit\$5)) and ((cool\$3 or (temperature near4 contol \$3)) with ((chamber housing reactor) near4 wall \$2))	US-PGPUB; USPAT	OR	ON	2007/12/21 10:45
S94	20	S93 not S91	US-PGPUB; USPAT	OR	ON	2007/12/21 10:39
S95	11	S94 and @ad< "20020602"	US-PGPUB; USPAT	OR	ON	2007/12/21 10:45

S96	457	(microwave\$2 same (waveguide\$2 applicator\$2 excit\$5)) and ((cool\$3 or (temperature near4 contol \$3)) with ((chamber housing reactor) near4 wall \$2))	US-PGPUB; USPAT	OR	ON	2007/12/21 10:45
S97	302	S96 and @ad<"20020602"	US-PGPUB; USPAT	OR	ON	2007/12/21 10:46
S98	62	S97 and (118/715-733 156/345.\$2).cds.	US-PGPUB; USPAT	OR	ON	2007/12/21 11:15
S99	13	S98 and coaxial	US-PGPUB; USPAT	OR	ON	2007/12/21 11:03
S100	1	"20020043342"	US-PGPUB; USPAT	OR	ON	2007/12/21 11:15
S101	1	"5368685".pn.	US-PGPUB; USPAT	OR	ON	2007/12/21 12:01
S102	1	(center near2 national near3 Recherche near2 scintifique).as.	US-PGPUB; USPAT	OR	ON	2007/12/21 13:48

**4/ 23/ 2009 9:18:18 PM**

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